

Claim 20 has been added as follows:

-20. The claim of 1 for a system of gears where each of the special angles and matching special angles in match-with-rotate, yod, and zero vector are gear teeth that correspond to the ratios 16/16; 7/16 6/16 5/16; 4/16 (infinite loop); 3/16 2/16 1/16; 16/16 (0/16) respectively, (p.7, p.10, FIG. 7).

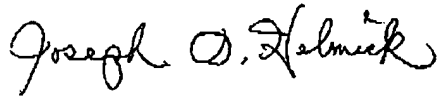
REMARKS/ARGUMENTS

All claims remain in this application. Claim 19 has been added.

Attached hereto is a marked-up version of the changes made to the document and claims by the current amendments. The attached page is captioned **"VERSION WITH MARKINGS TO SHOW CHANGES MADE"**

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Respectfully submitted,



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JAN 20 2004

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To: Michael Holmes Fax: (703) 746 7239

From: Joseph D. Helmick

Subject: Third amendment application before first office action

Date: January 16, 2004

Please accept this additional and new amendment included with this fax.

Thank you,

Joe Helmick